

- 3 First, let us analyze what the locking hinge means.
- 4 A locking hinge is a hinge, that when it is closed, not any rotational force in any direction, could be able to rotate the hinge leaves.
- 5 There is nothing in Mr. Frey's hinge to prevent the hinge from opening when subjected to a rotational force. Therefore, the hinge is not and cannot be a locking hinge.
- 6 In addition, Mr. Frey neither claimed, nor used "locking" or "lock" words in his entire specification.
- 7
- 8 There are some similarities, between applicant and Mr. Frey's Hinges. These similarities are: both are speaking of inclined surfaces, both of each have vertical planes or slots; both of them have stays or stops when closed and open. Mr. Frey's hinge has extra two vertical lugs 4 and 8, (numbers as in Mr. Frey's drawing) two recesses 5 and 9 on leaves, two sockets 18. Those similarities, Mr. Frey's wrong drawings, complicated and unnecessary features, which are only to adapt the collars to the leaves, are confusing matters.
- 9 The position and duty of vertical planes in these two inventions are completely different. The vertical planes in Mr. Frey's hinge were causing the hinge turn to one-way self-closing, left side-operating hinge. However, it is not making it a locking hinge.
- 10 Nothing is locking Mr. Frey's hinge. Not any different act or force is required to rotate the hinge leaves, out of its position. Any horizontal force will be transferred to vertical force, due to inclined planes, and the door will be opened.

11 I would like to bring Examiner's attention to this applicant's drawing Fig. 3, a two-way self-closing hinge, composing by two pairs of inclined planes, abutted by two pairs of stays, just by adding two pairs of vertical planes, for two sides of the hinge, see Fig.4 and Fig. 5, which bisect the said inclined planes, abutting the top portion of inclined planes for top end of vertical planes, and the lower portion of inclined planes, to abut the lower end of vertical planes. With this unique positioning of vertical and inclined planes, the hinge has been changed to two-way **self-closing and self-locking hinge**. Not any rotational force can rotate the hinge leaves, when it is closed. Until a vertical force opposing gravity, or a force parallel to vertical planes, pushing the door-side leaf by sliding on the vertical planes, to the top end of frame side leaf vertical planes, then it is possible to rotate in any desired direction, until it reaches to its stays, and further, to opening limit of the hinge.

12 Thereafter, if it is required to be closed, the door might be brought to its inclined surfaces, then it will slide back to close position, and drop down automatically locking itself, resting all components fitted each other. This drop down will cause the latch of the door on the other side, to enter into latch holder, hence locking the door from both sides.

13 However, this applicant's patent is very simple, not complicated and not confusing.

14 Applicant respectfully request, the rejection of the self-locking claims in the Final Office Action to be reconsidered.

15 Thanking you in Advance

Very truly yours,

Ara Dionysian
12550 Allin Street
Los Angeles, CA 90066
(310) 821 1133. E-mail; aradionysian@yahoo.com

Application No.10/632,487
Reply to Office Action June 2, 2005

P.S. When we received the first Office Action, I noticed, that the attorney have completely omitted in the claims and Abstract, the locking feature of the hinge,.. I wrote a new claim and an Abstract, to replacing the old Abstract. In addition, told the Attorney, you have missed your duty; therefore, you have to take care of it now, without any charge to me. Therefore, he agreed.

Again by mistake or purposely, they did not send the Abstract, When I protested, they told, "When the time matures we will send in." They were expecting to get an Office Action for that; however, instate, we received a rejection of claims. I proposed \$400 and gave the above argument letter to send as response. He refused and asked for \$1395,00 to take care of this Final Office Action. I rejected his offer and service. Asking attorney, to write a letter to Patent Office, so that from now on, any correspondence about this patent, to be sends to applicant's residential address.

Meanwhile, I have sent a letter to Patent Office, asking any correspondence concerning this patent application, please send to my residential address.

Ara Dionysian
12550 Allin Street
Los Angeles, CA 90066-6718
Tel; (310) 821 1133
e-mail; aradionysian@yahoo.com

Please accept the enclosed Abstract, for replacing the old one.

(The enclosed drawing is just to show the door-latch 16' position, while door and hinge are locked, and door-lift handle 17. You may accept or reject)

Thank you again for your co-operation.

Application No. 10/621,487
Applicant: DIONYSIAN Ara
Filing date: 07/16/2003
Title: Self-closing and locking hinge

ABSTRACT

Provided is a self-closing and locking hinge, including a first and second members, rotationally coupled to the shaft member, wherein first and second members each including a vertical edge abutting by two oblique edges, wherein themselves each abut by stop position, those members are resting and locked to any horizontal force, unless a vertical force first raises the door leaf member to unlock position.

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Date

Applicant: Ara Dionysian

Ara Dionysian
12550 Allin Street
Los Angeles, CA 90066-6718
Tel; (310) 821 1133
e-mail; aradionysian@yahoo.com